

Claims

- 1 Process for the production of a composition for screening solar radiation which comprises a transparent polymer incorporating an interference pigment comprising a platelet shaped material, which process comprises the steps of incorporating the interference pigment into the polymer, and then stretching the resultant polymer in at least one direction to at least twice its original length in that direction.  
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- 2 Process according to claim 1, wherein following stretching the polymer is converted into a woven net of tapes or monofilaments.
- 3 Composition for screening solar radiation, which comprises a transparent polymer having incorporated therein a interference pigment comprising a platelet shaped material,  
10 wherein the polymer has been stretched in at least one direction to at least twice its original length in that direction after incorporation of the pigment coating.
- 4 Process or composition according to any preceding claim, wherein the degree of stretching of the polymer is at least 4 times its original length, preferably from 6 to 10  
15 times.
- 5 Composition for screening solar radiation, which comprises a transparent polymer having incorporated therein a interference pigment comprising a platelet shaped material,  
wherein the polymer has a thickness of less than 50 $\mu$ m.
- 20 6 Composition according to any one of claims 3 to 5, wherein the polymer is in the form of a woven net of tapes or monofilaments.
- 7 Process or composition according to any preceding claim, wherein the green

interference pigment comprises a layered silicate, synthetic mica, glass platelets, ceramic platelets or silica platelets.

8        Process or composition according claim 7, wherein the layered silicate is mica, pyrophillite, sericite, talc or kaolin.

5        9        Process or composition according to any preceding claim, wherein after stretching the polymer has a thickness of less than 30 $\mu\text{m}$ .

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